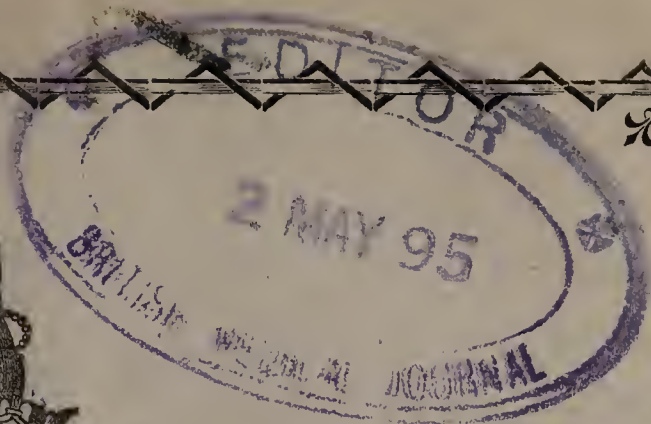


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# REPORT

ON THE

HEALTH OF THE BOROUGH OF WALSALL,

FOR THE YEAR 1894,

BY

J. SCOTT WILSON,

M.D., D.P.H., CAMB.,

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WALSALL:

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1895.



53, BRIDGE STREET,

WALSALL,

February, 1895.

*To the Health Committee of the Walsall Town Council.*

MR. CHAIRMAN AND GENTLEMEN,

I have again the honour of submitting to you my Annual Report on the Sanitary condition of the Borough, the health and vital statistics of the population, and of other matters undertaken by the Health Committee, with a view to improve the sanitary condition of the Borough, during the year 1894.

This year, like last year, has been an exceptional one, but the exception has been not in regard to disease and death, as it was during 1893, when the highest death-rate took place which has been registered in Walsall during recent years, but on the other hand it has the lowest death-rate as well as the lowest Zymotic death-rate, and the smallest number of notification of cases of infectious diseases ever recorded. The town has not been visited by any epidemic, excepting the latter part of the great epidemic of Smallpox of 1893, which was continued into the beginning of the summer of 1894. Measles, Scarlatina, Typhoid Fever, and Diarrhoea all shew a marked decrease when compared with the preceding year.

I regret that trade has not shewn any marked improvement during the year, but owing to less disease and death, poverty has not been so apparent in the poorer districts of the town.

A noticeable and gratifying feature is the great diminution of deaths of infants below 1 year of age, whereas in 1893, for every thousand children born, 212·12 died within their first year of life. In 1894 the rate was 152·52 per 1000. In 1893 the Smallpox epidemic raged, and considerable share of deaths recorded was due to that

disease attacking unvaccinated children; but another feature of 1893 was the unusual heat and dryness of the summer, and in that year the death roll from Diarrhœa was 111, whereas in 1894 there were only 20 deaths from Diarrhœa. Notwithstanding this improvement, I would comment very strongly on the still high death-rate at this age, a large portion of which is due to the preventible causes of errors in feeding and clothing.

The death-rate at all ages is 16·45; in 1891 it was as high as 19·0; in 1892 and 1893 it rose, from the exceptional epidemic and climatic causes above referred to; the very low rate for 1894 is remarkable, and may fairly be ascribed to the increased efforts made to abolish the system of privies and middens, and introduce the system of water closets, and also to the more perfect sewage system, almost the whole of the Borough being now sewered.

Overcrowding still remains a serious difficulty; where definite disease cannot be traced to it, yet lowered vitality which predisposes so powerfully to disease is actively caused by it. It has been intensified by the depression in trade. I have known cases where two families have united to live in the same house to save expense. Several cases have been dealt with. See appendix, Table III.

The further features of the year's deaths will be found detailed in the body of the Report. I have now only to thank you, again, for the support you have given me and the Sanitary Inspectors in the performance of our duties.

#### VITAL STATISTICS.

The population at the census in 1881 was 58,795, and at the last census in 1891, 71,789. Taking these two figures to calculate from, the population in June, 1894 is estimated at 75,000. The inhabited houses numbered 13,851 in 1891, and the present area of the Borough is 8,711 acres, giving a distribution of 8·60 persons per acre.

The birth-rate is 34·26, calculated from 2570 registered births—1232 males and 1268 females. This is a lower

rate than any for the last three years, the figures for 1891 being 36·43, for 1892 36·79, and for last year, 1893, 37·50. This might be taken as an example of the usual rule—a high death rate, a high birth rate; a low death rate, a low birth rate.

The number of deaths recorded in the Borough were 1234, giving a death-rate of 16·44 per 1000 per annum. This is in pleasing contrast to the abnormally high death rate of 1893, when 1808 deaths were registered, shewing a death-rate of 24·42 per 1000. As I have already pointed out, this might be lessened still further if greater knowledge and care were shewn in the feeding and clothing of the infantile portion of the community. It will be seen later, that a large part of the decrease is due to the lowering of the death-rate from Zymotic diseases.

#### MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.

LOCALITY.	At all Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards
Walsall ... ..	856	303	132	40	42	234	105
Bloxwich ... ..	190	58	17	11	6	65	33
Rushall (Aldridge Regisn. District)	61	26	5	2	2	17	9
Workhouse ... ..	89	3	2	...	5	42	37
District Hospital	28	1	10	4	3	7	3
Epidemic Hospital	10	1	3	...	2	4	...
Totals ... ..	1234	392	169	57	60	369	187

The next table gives the quarterly and annual death-rate since 1885.

Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Year
1885	22·63	17·00	14·60	17·50	18·60
1886	17·96	14·61	22·32	20·54	18·85
1887	18·66	16·57	16·57	18·49	18·04
1888	18·72	19·19	15·37	18·36	18·21
1889	19·05	17·37	19·24	19·81	19·36
1890	24·50	14·83	17·11	19·77	19·05
1891	20·77	21·77	14·27	20·55	19·00
1892	28·60	18·30	14·11	21·75	20·83
1893	25·04	24·38	26·24	23·39	24·42
1894	20·53	14·45	14·98	15·84	16·44



The total number of deaths under 1 year of age was 392, as compared with 581 last year, being at the rate of 5.22 per 1000 per annum, as compared with 7.95 per 1000 for last year. There were 2570 births recorded, the death-rate on which number (of children under 1 year) being 152.52 per 1000, while last year it was 212.12; this enormous decrease being due, as stated above, to the lessening of Diarrhoea and Smallpox, as the following table shows :—

Bronchitis ... ..	42	Dentition ... ..	5
Pneumonia ... ..	36	Meningitis ... ..	10
Peritonitis ... ..	4	Marasmus (44 last year)	29
Phthisis ... ..	4	Croup ... ..	0
Premature Births ...	54	Measles (18 last year)	0
Debility ... ..	53	Whooping Cough ...	22
Diarrhoea (111 in 1893)	20	Scarlatina ... ..	0
Convulsions ... ..	52	Smallpox (14 last year)	2

#### ZYMOTIC DISEASE.

The deaths under this heading were 125 in 1894 giving a death-rate of 1.73 per 1000; while for 1893 the rate was 5.16, and in 1892 a rate of 2.50. The details are as follows :—

	Walsall	Blox-wich	Rushall (Aldridge Registra'n District)	Work- house	Epidemic Hospital	Total
Scarlatina ... ..	...	1	...	...	...	1
Diphtheria ... ..	4	1	...	...	...	5
Croup ... ..	1	...	...	...	...	1
Typhoid Fever ..	10	1	2	...	...	13
Puerperal Fever	2	1	...	...	...	3
Erysipelas ... ..	3	1	...	...	...	4
Measles ... ..	4	...	...	...	...	4
Whooping Cough	39	6	1	...	...	46
Diarrhoea ... ..	28	3	3	2	...	36
Smallpox ... ..	2	...	...	...	10	12
Totals ... ..	93	14	6	2	10	125

#### Scarlatina

Scarlatina did not appear in the Borough in an epidemic form, but sporadic cases occurred here and there, the number of notifications being 98, 32 of which were under five years of age, and 66 over five. Only one death occurred from this disease. When compared with the years 1892 and 1893 a marked decrease is shewn, 904 and 426



cases being notified respectively during these years, when we had an epidemic involving the whole of the Borough.

170 cases were notified and 12 deaths were registered <sup>Smallpox</sup> from Smallpox. All the cases with one or two exceptions where isolation was carried out at home, were treated at the Epidemic Hospital. This disease would have been stamped out earlier but for the presence of a very extensively spread epidemic in the neighbouring towns of Willenhall and Birmingham, from whence during the early spring months time after time we had contagion directly imported, which greatly increased our difficulty in dealing with this highly infectious Zymotic; but great assistance was obtained from the public by their giving early information, and by the willingness of the infected to be isolated at the Epidemic Hospital, they having learned to appreciate the necessity of isolation and disinfection, in pleasing contrast to last year, when in several instances prosecutions were instituted for concealment of cases. My Report last year gave an account of the rise and fall of the epidemic. I am now able to give complete tables as regards the whole epidemic, which has now disappeared, there being no cases since the end of 1894. These tables shew (a) the ages, (b) the number of cases in persons vaccinated, unvaccinated, and in cases where vaccination was doubtful, (c) the number of deaths under such of these three conditions, and (d) finally, the percentage of deaths to cases.

#### ANALYSIS OF TOTAL CASES in 1893-94.

Ages	No. of Cases	Vaccinated	Un-vaccinated	Doubtful
Under 1 year ...	35	3	32	...
1 and under 5 ...	91	24	66	1
5 „ 15 ...	196	127	66	3
15 „ 25 ...	365	325	37	3
25 „ 65 ...	257	207	38	12
Over 65 ...	1	1	...	...
Total of all ages ...	945	687	239	19

## DEATHS.

Ages	Vaccinated	Un-vaccinated	Doubtful	Percentage	
				Vaccinated	Un-vaccinated
Under 1 year ...	...	16	...	...	50·00
1 and under 5 ...	2	24	1	8·3	36·36
5 „ 15 ...	...	6	2	...	9·09
15 „ 25 ...	2	10	...	·62	27·02
25 „ 65 ...	5	14	1	2·42	36·9
Totals ...	9	70	4	1·31	29·3

*It will be noted that the mortality as usual is greatest at the extremes of age in the unvaccinated.*

## Diphtheria

Twelve cases of Diphtheria were notified, 4 in children under the age of 5. There occurred 5 deaths. The comparative immunity of our town from this typically zymotic scourge is as significant as it is satisfactory.

## Measles

Measles not being a notifiable disease the statistics of its prevalence are not available, but judging from the number of deaths, viz. : 4, all of children under five years of age, occurring this year compared with the number recorded in 1893, when an exceptional mortality from Measles took place, and 88 deaths were registered, I should conclude that the town has been very free from this disease.

## Diarrhœa

There were 36 deaths from Diarrhœa, 28 in children under five, and eight in persons over five years of age. This is a marked decrease compared with the preceding year, when 160 deaths were registered as due to Diarrhœa, 149 of which were of children under, and 11 of persons over five years of age. There appeared to be no epidemic of this disease during the summer months, the cases being mostly of a sporadic nature.

Six cases were notified of Membranous Croup, one <sup>Membranous Croup</sup> proving fatal.

There is a marked increase in the number of deaths <sup>Whooping Cough</sup> from Whooping Cough compared with the number reported in 1893, 46 deaths being registered from this disease, while in the preceding year, only 15 were recorded; this approaches the large mortality, 67, reported in 1892.

Seventy-four cases of Typhoid Fever were notified, <sup>Typhoid Fever</sup> which shews a decrease when compared with the number, 110, reported in 1893. Of these, 73 were in persons over five years of age, and 13 deaths occurred from this disease. As regards Typhoid Fever it seems desirable to overhaul the condition of the reservoir supplying the Wolverhampton Road district, as it is much more exposed to the contaminating influences of a busy town than the rest of the water supply, and there are reasonable grounds for suspecting that this water has had some influence in the production of Typhoid Fever in the neighbourhood.

Eighty-seven cases of Erysipelas were notified, with <sup>Erysipelas</sup> four deaths; in 1893 the number notified was 103.

#### NOTIFICATION OF INFECTIOUS DISEASE.

The number of cases of Infectious Disease notified during the year was 457, a great decrease on the number notified during the years 1892 and 1893, when 1079 and 1440 cases were respectively reported. This decrease is due to the absence of an epidemic, excepting the end of the Smallpox epidemic, which was accountable for  $\frac{1}{4}$  of the whole notifications.

I am glad to say that the proposals for a new and complete Isolation Hospital are more forward than at the time of my last Report; not until that has been established can we hope promptly and perfectly to isolate the first cases of so quickly spreading a disease as Scarlatina, and



thus prevent the rise and progress of an epidemic. For this purpose too, a good disinfecting apparatus is urgently needed.

More than one-sixth, 87 cases, are Erysipelas, and as this disease spreads epidemically only in a large assemblage of surgical cases, as in a surgical ward, and does not require isolation in a hospital, and in fact should not be if possible, allowed to enter a hospital, the expense and trouble of notifying such cases, might, I must repeat, be dispensed with. I add a tabular view of the number and distribution of cases :—

LOCALITY	Scarlatina	Diphtheria	Membranous Group	Typhoid Fever	Puerperal Fever	Erysipelas	Continued Fever
Walsall—							
Under 5 {	27	3	2	1	...	9	1
5 & upwards {	60	5	2	68	5	63	3
Bloxwich—							
Under 5 {	5	1	1	...	...	4	...
5 & upwards {	6	3	1	5	1	8	...
Workhouse—							
Under 5 {	...	...	...	...	...	...	...
5 & upwards {	...	...	...	...	...	1	...
District Hospital							
Under 5 {	...	...	...	...	...	...	...
5 & upwards {	2	...	..	...	...	2	...
Totals—							
Under 5 {	32	4	3	1	...	13	1
5 & upwards {	66	8	3	73	6	74	3
	98	12	6	74	6	87	4

The sum paid in fees to medical men for Notification certificates was £50 15s. 6d., or  $13\frac{1}{6}$ d. per 1000 of the inhabitants; as against £157 5s. 7d. in 1893, *i.e.*, £1 14s.  $11\frac{1}{2}$ d. per 1000 inhabitants.

Fumigation and disinfectants (supplied to the occupiers of infected houses) cost an average of  $7\frac{1}{2}$ d. per house.

## SEWAGE AND REFUSE DISPOSAL.

In the month of August a visit was paid to the town by one of the Local Government Board Inspectors while making his cholera survey, who pointed out to us several sanitary details that ought to engage our immediate attention. Happily, however, the points he wished us to observe were receiving, and had received, during the last four years, much attention from the Sanitary Authority.

The new Sewage scheme, dealing with the treatment of sewage at the farm by precipitation, polarite filtration and subsequent irrigation, is working well, our effluent being very much improved. The work of removing old privies and re-placing them with new water closets is being steadily pushed on, a large number of conversions having been effected during the year. But a difficulty still exists in dealing with our refuse. I do not consider our present method efficient, the ashpits not being emptied often enough owing to the staff being insufficient for the purpose. This work is done by the Borough Surveyor's department and I would suggest that some system be adopted of periodically emptying the ashpits, and not to wait until a notice is received from the occupier of the premises or from the Sanitary Inspectors. I would also suggest that destructors be erected for its consumption.

## OVERCROWDING AND INSANITARY DWELLINGS.

Thirty-five cases of overcrowding have been dealt with. In 18 cases the nuisance has been abated, and in the remaining 17 the families have removed into larger houses. 104 houses have been pronounced unfit for habitation, 15 of which have been permanently closed, and the others repaired and put into a habitable condition. The 15 houses permanently closed as unfit for human habitation are situated in The Ditch, Church Street, Dudley Street, Upper Rushall Street, Duncalf Street, Bott Lane, Lower Rushall Street, Holtshill Lane, and Forest Lane.

## RAINFALL.

I am indebted to Mr. N. E. Best for his kindness in supplying me with the following table, showing the rainfall during the last four years :—

Month.			1891	1892	1893	1894
January	...	...	2·38	2·36	1·99	1·79
February	...	...	0·27	1·83	3·11	2·71
March	...	...	1·59	0·99	0·49	1·32
April	...	...	2·08	1·24	0·59	1·41
May	...	...	3·53	2·29	2·46	2·17
June	...	...	3·04	3·31	1·87	2·87
July	...	...	2·30	2·46	2·52	3·43
August	...	...	3·97	2·49	2·28	2·73
September	...	...	1·59	2·38	1·84	1·52
October	...	...	5·48	3·45	2·73	2·86
November	...	...	2·60	2·00	1·53	2·82
December	...	...	3·12	2·10	3·82	2·39
Totals ...			31·95	26·90	25·22	28·02

I have the honour to remain,

Gentlemen,

Your obedient Servant,

JAMES SCOTT WILSON, M.D., D.P.H., Camb.,

*Medical Officer of Health.*



# TABLE OF DEATHS,

*During the Year 1894, in the Walsall Urban Sanitary District, classified according to Diseases, Ages, and Localities.*

(a)										(i)	Mortality from subjoined causes, distinguishing deaths of Children under 5 years of age																								
Mortality from all causes, at subjoined ages																																			
(b)	(c)	(d)	(e)	(f)	(g)	(h)																													
At all ages	Under 1 year	1 year & under 5	5 years and under 15	15 years and under 25	25 years and under 65	65 years and upwards	1	2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	33						
							Smallpox	Scarlatina	Diphtheria	Membranous Croup	Fevers					Cholera	Erysipelas	Measles	Whooping Cough	Diarrhoe and Dysentery	Rheumatic Fever	Ague	Phthisis	Bronchitis, Pneumonia and Pleurisy	Heart Disease	Injuries	All other Diseases	Tot'l							
NAMES OF LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as Separate Localities																																			
WALSALL ... ..										2 0	3 1	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 2	4 0	39 0	24 4	0 5	0 0	4 61	112 97	1 32	2 3	243 202	435 421				
BLOXWICH ... ..										0 0	0 1	0 1	0 0	0 0	0 1	0 0	0 0	0 1	0 0	1 0	0 0	6 0	1 2	0 0	0 0	1 11	15 32	0 5	0 2	51 59	75 115				
ALDRIDGE (Registration District)										0 0	0 0	0 0	0 0	0 0	0 2	0 0	0 0	0 0	0 0	0 0	0 0	1 0	3 0	0 1	0 0	0 0	12 10	0 1	0 0	15 16	31 30				
WORKHOUSE ... ..										0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 5	5 84			
DISTRICT HOSPITAL ... ..										0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 7	3 17			
EPIDEMIC HOSPITAL ... ..										4 6	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	4 6		
TOTALS ... ..										6 6	0 1	3 2	1 0	0 0	0 13	0 0	0 0	0 3	0 0	2 2	4 0	46 0	28 8	0 6	0 0	5 83	140 157	1 39	9 15	317 336	562 673				





*Coming to the knowledge of the Medical Officer of Health, during the year 1894, in the Walsall Urban Sanitary District; classified according to Diseases, Ages, and Localities.*

[illegible]





## APPENDIX.

# ANNUAL REPORT

OF THE

# INSPECTOR OF NUISANCES

Of the Borough of Walsall, for the Year 1894.

MR. CHAIRMAN AND GENTLEMEN,

I have the honour of presenting to you my Fourth Annual Report of the work done in my Department, by and under your authority and direction, during the year 1894

### Table 1.

#### Notice of Ordinary Nuisances.

To remedy defective drainage, defective and dilapidated privies, water closets, ashpits, and yards	...	...	1046
To whitewash and purify houses, rooms, yards, &c....	...	...	482
To remove animals so kept as to be a nuisance	...	...	105
To repair dwelling houses	...	...	89
To repair sink...	...	...	10
To cleanse privies and yards	...	...	313
To reduce over-crowding in dwelling houses	...	...	35
To provide privy accommodation	...	...	7
To remove stagnant water in cellar	...	...	21
To repair gutter spoutings	...	...	13
To remove offensive accumulations of refuse	...	...	69
To provide drinking water	...	...	34
To vacate houses unfit for habitation	...	...	31
To cleanse ditch	...	...	19
To demolish stable	...	...	1
To repair and construct manure pit	...	...	2
To detach sink drains from sewer drains	..	...	24
To cleanse and repair soft water cisterns	...	...	12
To provide drainage to houses, yards, &c....	.	...	8
To empty ashpit (notice served on occupier)	...	...	1
To empty cesspits	...	...	17
To close dwelling house	...	...	1
To Surveyor—			
Insufficient water supply	...	...	3
Dangerous well	...	...	1
Alleged dangerous buildings	...	...	9
To cleanse ashpits	...	...	8794
Total	...	...	11147

House to house inspections have been made of 4456 houses, in addition to nuisances, &c. 94 complaints of nuisances have been received and investigated. 400 letters and memoranda have been received, and 985 have been sent out, exclusive of reports.

**Table 2.**  
**Result of Notices.**

Nuisances Removed	Samples of water and result of test					Houses supplied with water	STRUCTURES											
	Water tested	Unft.	Unsafe	Good	Wells closed		New drains. Yards	New Privies	New Ashpits	New Water Closets.	New U.inals	New Cesspits	Drains Trapped.	New Ventilators	Ashpits Roofed	Ashpits Removed	Privies Removed	Sink Drains detected from Sewer
1787	47	16	26	5	21	73	2142	12	7	299	6	4	314	32	107	2	14	35
Full Ashpits Emptied.																		
8794																		

**Table 3.**  
**To abate over-crowding in Houses.**

Reduced	...	...	...	...	...	...	18
Vacated	...	...	...	...	...	...	17

**Table 4.**  
**Houses unfit for habitation.**

Repaired	...	...	...	...	...	89
Closed	...	...	...	...	...	15

The fifteen houses reported closed, as unfit for human habitation, are situated in The Ditch, Church Street, Dudley Street, Upper Rushall Street, Duncalfe Street, Bott Lane, Lower Rushall Street, Holtshill Lane, and Forrest Lane.

No. of Nuisances remaining on the Books for the year ending						
December 31st, 1894	...	...	...	...	...	65

**Table 5.—Trades.**

### **Report of the Inspector of Canal Boats.**

The Inspector visits the Canals in the Borough, at any time and on any day he thinks necessary, and for each boat inspected he is paid a remuneration. The number of boats inspected during 1894 was 47. There is an apparent improvement in the cleanliness and general condition of the boats, only five cases—and those of a minor character—requiring notice.



## INFRINGEMENTS OF ACTS AND REGULATIONS.

- (a) All Boats inspected have been registered.
- (b) No notification of change of Master.
- (c) Three cases of absence of certificate occurred.
- (d) No case of over-crowding met with.
- (e) The separation of sexes properly observed.
- (f) Cleanliness and ventilation satisfactory.
- (g) No bilge water.
- (h) No boat without suitable water vessel.
- (i) No case of infectious disease.
- (j) No deaths took place.
- (k) In no case was Inspector refused admittance.

### Dairies, Cowsheds, and Milkshops.

All the Milkshops and Cowsheds in the Borough are cleansed and washed four times during the year.

No. of Milking Cows kept in the Borough	...	...	...	388
No. of Cowkeepers and Purveyors of Milk	...	..	...	51
No. of Purveyors of Milk...	...	...	...	95

No. of Visits—

January	...	...	...	24
February	...	...	...	22
March	...	...	...	39
April	...	...	...	9
May ...	...	...	...	12
June...	...	...	...	16
July ...	..	...	...	17
August	...	...	...	9
September	...	...	...	4
October	...	...	...	6
November	...	...	...	13
December	...	...	...	78

---

249

No of Purveyors of Milk registered this year—

January	...	...	..	1
February	...	...	...	4
March ...	...	...	...	1
April	...	...	...	7
May ...	...	...	...	2
June ..	...	...	...	3
July ...	...	...	...	4
August	...	...	...	5
September	...	...	...	2
October	...	...	...	1
November	..	...	...	1
December	...	...	...	3

---

34

In many cases I consider that the manure is kept too close to the Cowsheds, and the manure pits, are not, in my opinion, properly drained. There is too much sock allowed to remain round about the pit.

**Bakehouses.**

No. of Bakehouses	...	...	...	...	...	...	88
No. of Visits—							
January	...	...	...	...	...	14	
February	...	...	...	...	...	6	
March	...	...	...	...	...	23	
April	...	...	...	...	...	18	
May ...	...	...	...	...	...	43	
June...	...	...	...	...	...	19	
July ...	...	...	...	...	...	20	
August	...	...	...	...	...	13	
September	...	...	...	...	...	26	
October	...	...	...	...	...	10	
November	...	...	...	...	...	30	
December	...	...	...	...	...	74	
							296

All the Bakehouses are cleansed and whitewashed twice during the year.

**Slaughter-houses.**

No. of Slaughter-houses	...	...	...	...	...	...	58
No. of Visits—							
January	...	...	...	...	...	16	
February	...	...	...	...	...	8	
March	...	...	...	...	...	9	
April	...	...	...	...	...	15	
May ...	...	...	...	...	...	23	
June .....	...	...	...	...	...	12	
July ...	...	...	...	...	...	17	
August	...	...	...	...	...	16	
September	...	...	...	...	...	17	
October	...	...	...	...	...	13	
November	...	...	...	...	...	12	
December	...	...	...	...	...	42	
							198

Three new Slaughter-houses—one in Park Street, one in Upper Rushall Street, and one in High Street, Bloxwich—have been licensed during the year, and among the old houses, there are several very unsuitable for the purpose for which they are used. The whole of them have been whitewashed and cleansed several times during the year.

**Common Lodging Houses.**

No. of Common Lodging Houses in the Borough	...	...	...	...	...	19
No. of Lodgers which can be accommodated	...	...	...	...	...	398
No. of Visits	...	...	...	...	...	51

Several of these houses are unsuitable for the purpose for which they are used, and I consider that one of them, especially, is not at all suitable as a Lodging House.

## Factories and Workshops.

### No. of Visits—

January	...	...	...	2
March	...	...	...	8
April	...	...	...	17
May...	...	..	...	7
September	...	...	...	4
October	...	...	...	13
November	...	...	...	6
December	...	...	...	7

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### Table 6.

Visits to Houses in consequence of Infectious Disease...	...	...	457
Houses disinfected under supervision of Inspectors	...	...	164
Houses disinfected personally by Inspectors	...	..	133
Beds and articles destroyed at Hospital...	...	...	8

### Persons supplied with Lime—

January	...	...	...	57
February	...	..	...	62
March	...	...	...	80
April	...	...	...	123
May ...	...	...	...	146
June...	...	...	...	125
July ...	...	...	...	119
August	...	...	...	187
September	...	...	...	67
October	...	...	...	66
November	...	...	...	51
December	...	...	...	48

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### Persons supplied with Brushes—

January	...	...	...	58
February	...	...	...	87
March	...	...	...	105
April	...	...	...	177
May ...	...	...	...	200
June...	...	...	...	176
July ...	...	...	...	145
August	..	...	...	226
September	...	...	...	105
October	...	...	...	87
November	...	...	...	100
December	...	...	...	87

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**Table 7.**  
**Food and Drugs.**

Articles of Food, &c, submitted to Analyst					Genuine	Adulterated	Total number of Samples
Milk	...	...	...	...	22		22
Butter	...	...	...	...	6	1	7
Pepper	...	...	...	...	5		5
Bread	...	...	...	...	5		5
Flour	...	...	...	...	1		1
Cocoa	...	...	...	...		1	1
Coffee	...	...	...	...	1		1
Lard	...	...	...	...	1		1
Water	...	...	...	...			47
Total					...	...	90

**Table 8.**  
**Magisterial Proceedings respecting various cases.**

No.	Nature of Offence	When heard	Results
1	For not removing nuisance	March 30	Order made to abate nuisance in 7 days. With costs.
2	Selling Margarine not labelled	May 4	Fined £3 and costs.
3	For not removing nuisance	June 20	Order made to abate nuisance in 14 days. With costs.
4	Ditto	Nov. 16	Order made to abate nuisance in 14 days. With costs.
5	Ditto	Nov. 16	Fined 2/6 and costs.
6	Ditto	Nov. 16	Fined 2/6 and costs.
7	Ditto	Nov. 16	Fined 2/6 and costs.

*Streets and Places in the Borough where Infectious Diseases have been reported and visited by the Inspectors during the year 1894, alphabetically arranged for the whole Borough.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Ablewell Street ...	1	3	2		1			
Alexander Terrace ...			1					
Algernon Street ...		1	3					
Alma Street ...	1							
Ann Street ...	1							
Arundel Street ...			3					
Ball Street ...	1		1		1			
Bank Street ...	2	1						
Barracks, Blakenall ...	1							
Bath Street ...		2						
Birch Street ...					1			
Birchills Green ...	1		1					1
Birchills Street ...		1						
Birmingham Road ...			1					
Blakenall Lane ...			1					
Bloxwich Road, Broadstone ...	1							
Bloxwich Road ...	9	1	3					
Blue Lane ...	2				2			
Booth Street, Blakenall		1	3					
Bott Lane ...					1			
Box Street ...		1						
Bradford Street ..	5							
Brewers Cottages, Ryecroft ...	2				1			
Bridgeman Street ...	4							
Brook Street, Upper...		1						
Bullocks Fold...	5							
Burrowes Street ..					1			
Butts Road ...	2	3						
Caldmore Road ...			1					
Caldmore Green ...	1	1						
Cambridge Street ...						1		
Camden Street ...	2	1	2					
Canal Street ...		1						
Cannon Street ...							1	
Carver's Yard...		1						
Cecil Street ...			1					

STREETS AND PLACES—*continued.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Group
Chapel Sreet ... ..	2							
Chapel Street, Blakenall		1						
Chapel Street, Pleck...			1		1			
Checketts Street ...					1			
Church Close ... ..		1						
Church Hill ... ..					1			
Clarendon Street, Bloxwich ... ..					1			
Cobden Street ... ..	2				1			
Comwall Street ... ..		1						
Corporation Street ...		1						
County Street... ..					1			
Croft Street ... ..		1						
Dale Street ... ..			1		3			
Darlaston Road ... ..					1			
Day Street ... ..	1							
Ditch, The ... ..		1						
Dudleys Fields ... ..	2							
Dudley Street... ..			1		1			
Duncalfe Street ... ..		1	1					
Emery Street... ..	2	1	1					
Farringdon Street ...		1	5		1			
Field Street, Bloxwich		1			1			
Fishley ... ..	1							
Ford Street ... ..			1					
Forge Street ... ..					1			
Forster Street, Lower	4							
Forster Street, Upper				1	1			
Francis Street ... ..	8					1		
Frederick Street ... ..		1						
Garden Street... ..			1					
George Street... ..	1				2			
Gorton's Yard... ..					1			
Goscote ... ..			1					
Green Lane ... ..	5	1	4		2			
Green Lane, Bloxwich	3				2			
Grove Terrace ... ..		1						
Hall Lane, Lower ... ..			3					
Hall Lane, Upper ... ..		1						



STREETS AND PLACES—*continued.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Harden ... ..						1		
Hart Street ... ..			1	2				
Hatherton Furnace ...		1						
High Street ... ..				1				
High Street, Bloxwich	1		1					
Hill Street ... ..		1	4		1			
Hillary Street ... ..		1			3			
Hollyhedge Lane ...					2			
Holtshill Lane ... ..	1							
Hospital Street ... ..								
Hospital, The ... ..		2						
James Street ... ..		3			1			
Jessel Road ... ..	1		1					
Junction Street ... ..	3		1					
King Street ... ..		1						
Leamore Lane ... ..		2		2				
Lichfield Street ... ..	1	1	1					
Little Bloxwich ... ..	1							
Little Street ... ..		1		1				
Littleton Street ... ..		1			2			
Lime Street ... ..	1							
Long Acre ... ..	6	1						
Long Street ... ..	6							
Margaret Street ... ..					1			
Mellish Road ... ..			1					
Mill Lane ... ..	1							
Mill Street ... ..	1	2			1		1	1
Milton Street ... ..		1	1		3			
Moat Road ... ..	1							
Mount Street ... ..	1				1			
Mountrath Street ...		1						
Navigation Street ...		1	1					
Navigation Street, Upper						1		
New Street ... ..	1	1	2					
New Street, Bloxwich	2	2						
New Bath Street ... ..			1					
New Rowley Street ...	1							
Newhall Street ... ..					1			
Newport Street, Little			1					

STREETS AND PLACES—*continued.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Newport Street ...	1							
North Street ...	3		1		1			
North Street, Lower ...	1							
Northcote Street ...			1					
Oxford Street...		1						
Oxford Street, Pleck...			3					
Orlando Street ..		1			1			
Paddock ...	2	1	2					
Parkbrook ...		1						
Park Hill ..					1			
Parker Street, Bloxwich			1					
Peal Street ...	1				1			
Penkridge Street ...		1	1					
Pinfold, Bloxwich ...				1				
Pleck Road ...	1				1			
Pool Street ...	1		1					
Port Street ...					1			
Portland Street ...	1	1						
Portland Street, Leamore ...		1		1				
Pratt's Bridge...			2					
Prince Street ...			1					
Proffitt Street...	1				1	1		
Providence Lane, Leamore ...	1				1			
Providence Street, Leamore ...					1			
Pursehouse Street ...			1					
Reed's Wood ...	1							
Red Lion Street .					2			
Regent Street...			5					
Reeves Street...		1						
Richmond Street ...	2							
Rollingmill Street ...			1					
Rowley Street ...	3	1						
Rushall Street, Lower	1		1					
Rushall Street, Upper					1			
Rutter Street...		1						
Ryecroft Street .	1							

STREETS AND PLACES—*continued.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Sandbank ...		1						
Sandwell Street ...	1	1						
Selborne Street ...					1		1	
Short Acre ...	6	1			2			
Side Street ...		1						
South Street ...						1		
Spout Lane ...			1					
Stafford Street ...	2	2						
Station Street...		1						
Station Street, Bloxwich		1	2					
St. Michael's Square ...			1					
Stratford Street ...			1					
Sutton Road ...			1					
Talbot Yard ...					1			
Tantarra Street ...	2				2			
Tasker Street...			3					
Teddesley Street ...	3			1	2			
Temple Street...		2						
Thorpe Road ...								1
Union Street ...	2							
Vicarage Street ...	1							
Victor Street ...	3							
Victoria Terrace ...				1				
Walhouse Street, Upper	3							
Walhouse Street, Lower					2			
Walsingham Street ...	1							
Warwick Street ...			1					
Wednesbury Road ..		1	4		2			
Wellington Street ...		1						
Westbourne Road ...		1						
West Bromwich Road	3			1				
Whitehouse Street ...	6	1						
Whitmore Street ...			1					
Whittimere Street ...	1							
Whitehall Road ...	1		1					
Windmill Lane ...	1	1						
Windmill Street ...	1							
Windsor Street ...	1							



STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Wisemore .. ...	4	1	2		2			
Wisemore Villas ...	2							
Wolverhampton Street	3	4			1			
Wolverhampton Road					1			
Workhouse ... ..		1						
No Home ... ..	1							

During 1894, there were notified 3 cases of Small-pox—one in Ablewell Street, one in Mill Lane, and one in Mount Street—which proved to be Chicken-pox.

THE INFECTIOUS DISEASE (NOTIFICATION) ACT, 1889.

**This Act came into operation in the Borough of Walsall on the 1st day of March, 1890.**

*Cases Notified by Medical Practitioners from January 1st to December 31st, 1894—*

Small-pox.	Erysipelas.	Scarlet Fever or Scarlatina.	Diphtheria.	Enteric or Typhoid Fever.	Puerperal Fever.	Continued Fever.	Membranous Croup.
170	87	98	12	74	6	4	6

140 Small-pox cases have been removed to the Epidemic Hospital by the Inspectors.

Total Notifications	-	-	-	-	-
					457.

# GEORGE W. HARRIS,

*Inspector of Nuisances.*

# HEALTH COMMITTEE

Of the Walsall Corporation.

—:O:—

Mr. ALDERMAN THOMAS EVANS, *Chairman*.

Mr. COUNCILLOR WILLIAMS, *Vice-Chairman*.

Mr. ALDERMAN BREWER.

Mr. COUNCILLOR CLARE.

„ COUNCILLOR BAKER.

„ „ LITTLER.

„ „ BOWEN.

„ „ PICKEN.

„ „ BROWNHILL.

„ „ ROBERTS.

„ „ BULL

„ „ C. C. WALKER

*Meet on the last Friday in each Month at Six p.m.*

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**Medical Officer of Health :**

JAMES SCOTT WILSON, M.D., D.P.H., Camb.

**Sanitary Inspector :**

GEORGE W. HARRIES.

**Assistant Inspector :**

ALBERT GARNER.

**Clerk :**

GEORGE W. TAYLOR.



